# Use Attainability Analysis

for

## WBID 1519 Rock Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

# Field Data Streets for Recreational Use Stream Surveys 2005 JUN 23 PM 3: 00

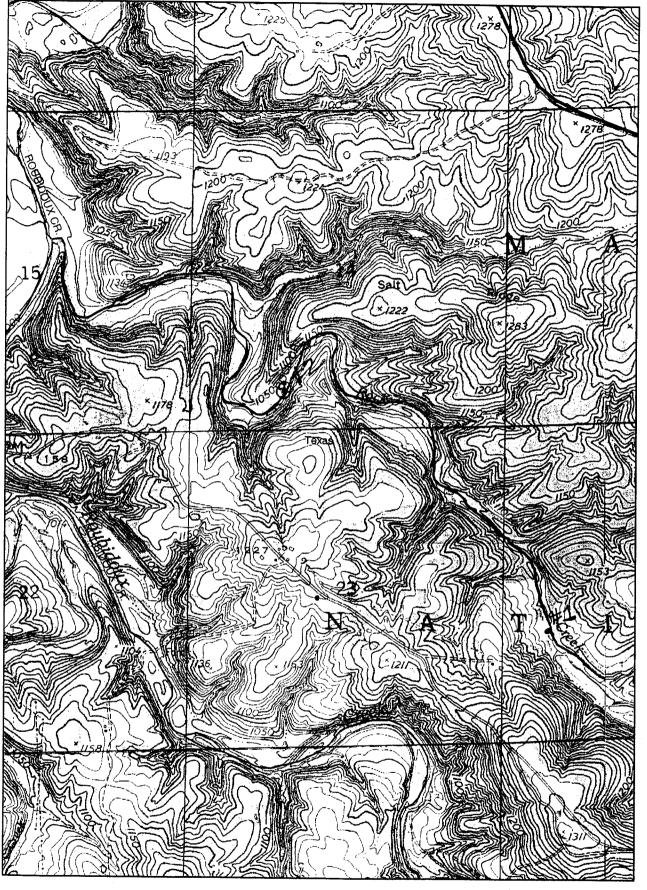
Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

8-digit HUC:	1629020)	
Missouri WBI	D#: 1519	Transcription of the second of
County:	exas	
	al Description: 524 T33N RIZW	
Downstream I	egal Description: 515 T 33N RIZW	
Upstream Coc	rdinates: E. 569648 N. 4156398 Lat. 37.5	5 1972 2115
Downstream (		563277 2,226166
Discharger Fa	cility Name(s):	
Discharger Pe	mit Number(s):	
Number of Sit	es Evaluated: 2	
Name of Surv	yor and Telephone Number: Wyn Kelley 573/884-3	3440
Organization:	MDNR.	
Position:	50:1 Screntist	
		C Total and a laborate de la company

T33N RIZW

Rock Cre-K HUC8-10290201



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:   5	19-01		Site Location Des	cription:	
Site GPS Coordinates:	1, 4126398 Lax	1 37,551	2115		
, , , , , , , , , , , , , , , , , , , ,	05 1 <b>0</b> 145	91M1	Facility Name:		
	eley		Permit Number:		
Current Weather Condition		down	Weather Conditio	ns for Past 7 days:	tran
Photo Ids: Upstream: 1		stream: 15/9	7D-0) Other:	1519E-01 (	com Manure)
	= \	# 2		#3	
Uses Observed*:					
Swimming	Skin diving	☐ sct	JBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	iting	Wading	Rafting
Hunting	Trapping	☐ Fish		None of the above	Other:
Describe: (include numbe	of individuals recrea	ating, freque	ency of use, photo-d	ocumentation of evidence	of recreational uses, etc.)
					· a.
		*	·· , · · · ,		
Surrounding Condition					
Surrounding Condition items of interest.)					
Surrounding Condition items of interest.)  City/county parks		omote or imp			
items of interest.)	IS*: (Mark all that pro	omote or imp	pede recreational us	es. Attach photos of evider	nce or unusual
items of interest.)  City/county parks	S*: (Mark all that pro	omote or imp	nservation lands	es. Attach photos of evider  Urban areas	Campgrounds
items of interest.)  City/county parks  Boating accesses	S*: (Mark all that pro Playgrounds State parks	omote or imp  MDC cor  National	nservation lands	es. Attach photos of evider  Urban areas  Nature trails	Campgrounds
items of interest.)  City/county parks  Boating accesses	S*: (Mark all that pro Playgrounds State parks Fence  e*:	omote or imp  MDC cor  ✓ National  Steep slo	pede recreational us nservation lands forests pes	es. Attach photos of evider  Urban areas  Nature trails  Other:	Campgrounds Stairs/walkway
items of interest.)  City/county parks  Boating accesses  No trespass sign	Playgrounds  Playgrounds  State parks  Fence  e*:	MDC cor National Steep slo	pede recreational us nservation lands forests pes	es. Attach photos of evider  Urban areas  Nature trails  Other:  Livestock Watering	Campgrounds Stairs/walkway
items of interest.)  City/county parks  Boating accesses  No trespass sign  Evidence of Human Use	S*: (Mark all that pro Playgrounds State parks Fence  e*:	MDC cor National Steep slo	pede recreational us nservation lands forests pes	es. Attach photos of evider  Urban areas  Nature trails  Other:	Campgrounds Stairs/walkway
items of interest.)  City/county parks  Boating accesses  No trespass sign  Evidence of Human Use  Roads	Playgrounds  Playgrounds  State parks  Fence  e*:	MDC cor National Steep slo	pede recreational us nservation lands forests pes	es. Attach photos of evider  Urban areas  Nature trails  Other:  Livestock Watering	Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

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Last printed 05/19/05 1:50 PM

# Data Sheet B - Site Characterization

Page Two - WBID #1519:

Stream Morpholog Upstream View		ensions:				
Riffle Width	ft):	Length (ft):	Avg. Depth (ft)	:	Max. Depth (	(ft):
Run Width	ft):	Length (ft):	Avg. Depth (ft)	•	Max. Depth (	(ft):
Pool Width	ft): 50	Length (ft): 20 f	Avg. Depth (ft)	: 1,0	Max. Depth (	(ft): 2,0
Flow Present	? 🗌 Yes 🗓	No.	Estimated (ft <sup>3</sup> /s	ec):		
Downstream Vie	w Physical D	Pimensions: Grav	el devosit	s (No u	vater)	
☐ Riffle Width	ft):	Length (ft):	Avg. Depth (ft)		Max. Depth (	(ft):
Run Width	ft):	Length (ft):	Avg. Depth (ft)	:	Max. Depth (	(ft):
Pool Width	ft):	Length (ft):	Avg. Depth (ft)	:	Max. Depth (	(ft):
Flow Present	? Yes	No	Estimated (ft <sup>3</sup> /s	ec):		
Substrate*: (These % Cobble		d up to 100%.) Gravel % Sa	1	% Silt	Ø 14 401	1/2 % 7 1 1
// C0001C	10 %	Jiavei 70 32	ind [	70 SIII	% Mud/Clay	10 % Bedrock
Aquatic Vegetation	*: (note amount	of vegetation or algal grovering substrate	owth at the assessi	nent site)	face	
Vater Characteris	ics*: (Mark all	that apply.)		_/:		
Vater Characteris	ics*: (Mark all	that apply.)	Themical	None	Other:	
Vater Characteris Odor: Color:	ics*: (Mark all Sewage Clear	that apply.)  Musky  Green	Chemical [1	None Milky	Other:	
Vater Characteris Odor: Color: Bottom Deposit:	ics*: (Mark all Sewage Clear Sludge	that apply.)  Musky C Green C Solids F	Chemical Gray Tine sediments	None Milky None	Other: Other: Other:	
Vater Characteris Odor: Color:	ics*: (Mark all Sewage Clear	that apply.)  Musky C Green C Solids F	Chemical Gray Tine sediments	None Milky	Other:	
Vater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is not omprehensive understa	ics*: (Mark all Sewage Clear Sludge Oil attach addition to be used solely eding of water co	that apply.)  Musky Green Solids F Scum F  nal comments (includ	Chemical Gray Tine sediments Toam Ting information Onal use designation in this information is	None  Milky None None from intervious but rather is sonot intended to	Other: Other: Other: Other: to provide a moodirectly influer	re nce a
Vater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is not omprehensive understa ecision on the recreation	ics*: (Mark all Sewage Sludge Oil attach addition to be used solely ding of water con use analysis but	that apply.)  Musky Comments (included)  for removal of a recreating comments (included)	Chemical Gray Tine sediments Toam Ting information Onal use designation this information is that need further The converse of	None  Milky None None n from intervious on but rather is so not intended to analysis or that	Other: Other: Other: Other: Other: to provide a mood irectly influereffect another unation reported	re nce a se. d on this UAA
Vater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is not omprehensive understate ecision on the recreation, the undersigned,	ics*: (Mark all Sewage Sludge Oil attach addition to be used solely ding of water con use analysis but	that apply.)  Musky Green Solids F Solids F nal comments (included of the formula of a recreation of the following the following formula of the fo	Chemical Gray Tine sediments Toam Ting information Onal use designation this information is that need further The converse of	None  Milky None None n from intervious on but rather is so not intended to analysis or that	Other: Other: Other: Other: other: to provide a moodirectly influereffect another use	re nce a se. d on this UAA







## Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID #:	519-02	Site Location Des	scription:	
-	Site GPS Coordinates:	156854) Lang	1,-92,226166		
	Date & Time: 6/7/6		Facility Name:		
	Personnel: Wyn V.	lev	Permit Number:		
	Current Weather Condition	ons: Herry kota	Weather Condition	ons for Past 7 days: hs	Hdry
	Photo Ids: Upstream: 15		eam: 1519 D-02 Other		7
ſ	#		<b>売</b> る		
Us	es Observed*:		<u></u>	T	
	Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking	Boating	Wading	Rafting
	☐ Hunting	☐ Trapping	Fishing	None of the above	Other:
	Describe: (include numbe	er of individuals recreati	ng, frequency of use, photo-o	documentation of evidence	of recreational uses, etc.)
				•	
				We have the second of the seco	
l					
Su	rrounding Condition	S*: (Mark all that prom	ote or impede recreational us	ses. Attach photos of evider	ice or unusual
iten	ns of interest.)				
iten	ns of interest.)  City/county parks	☐ Playgrounds ☐	MDC conservation lands	☐ Urban areas	Campgrounds
iten		<del>                                     </del>	MDC conservation lands  National forests	T	
iten	☐ City/county parks	+=+=	· · · · · · · · · · · · · · · · · · ·	Urban areas	Campgrounds
iten	☐ City/county parks ☐ Boating accesses	State parks	National forests	☐ Urban areas ☐ Nature trails	Campgrounds
	☐ City/county parks ☐ Boating accesses	State parks	National forests Steep slopes	☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds ☐ Stairs/walkway
	☐ City/county parks ☐ Boating accesses ☐ No trespass sign	State parks Fence  Fence  Foot paths/prints	National forests Steep slopes	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks
	City/county parks Boating accesses No trespass sign	State parks  Fence   e*:	National forests Steep slopes	☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds ☐ Stairs/walkway
	City/county parks Boating accesses No trespass sign  idence of Human Use Roads Rope swings Other:	State parks Fence  Foot paths/prints Camping Sites	National forests  Steep slopes  Dock/platform Fire pit/ring	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks
Ev	City/county parks Boating accesses No trespass sign  idence of Human Use Roads Rope swings Other:	State parks  Fence  Foot paths/prints  Camping Sites	National forests  Steep slopes  Dock/platform Fire pit/ring	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering ☐ NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle
Ev ( ea	City/county parks  Boating accesses  No trespass sign  idence of Human Use  Roads  Rope swings  Other:	State parks  Fence  Fence  Foot paths/prints  Camping Sites  Acress foot  Attach a map of entite	National forests  Steep slopes  Dock/platform Fire pit/ring  herstak ire segment with assessn	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering ☐ NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle
Ev ( ea	City/county parks Boating accesses No trespass sign  idence of Human Use Roads Rope swings Other:	State parks  Fence  Fence  Foot paths/prints  Camping Sites  Acress foot  Attach a map of entite	National forests  Steep slopes  Dock/platform Fire pit/ring  herstak ire segment with assessn	☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering ☐ NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle
Even Sitt oth	City/county parks  Boating accesses  No trespass sign  idence of Human Use  Roads  Rope swings  Other:  Creck te Locations Map(s): her items that may be considered.	State parks  Fence  Fence  Foot paths/prints  Camping Sites  Attach a map of entrof interest. (Include	National forests  Steep slopes  Dock/platform Fire pit/ring  her side ire segment with assessment photographs)	Urban areas  Nature trails  Other:  Livestock Watering NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle  cd. Mark any
Evel (************************************	City/county parks  Boating accesses  No trespass sign  idence of Human Use  Roads  Rope swings  Other:  Creck te Locations Map(s): her items that may be considered.	State parks  Fence  Fence   Foot paths/prints  Camping Sites  Attach a map of entrof interest. (Include not intended to directly interest)	National forests  Steep slopes  Dock/platform Fire pit/ring  her side ire segment with assessment photographs)  nfluence a decision on any or	Urban areas  Nature trails  Other:  Livestock Watering NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks ☐ Fishing Tackle  cd. Mark any

Data Sheet B - Site Characterization Page Two - WBID # 1519: Stream Morphology: **Upstream View Physical Dimensions:** Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): Riffle Max. Depth (ft): Length (ft): Avg. Depth (ft): Run Width (ft): Pool Length (ft): 60 Avg. Depth (ft): 0.29 Max. Depth (ft): Width (ft): Flow Estimated (ft<sup>3</sup>/sec): Present? **Downstream View Physical Dimensions:** Avg. Depth (ft): 0.33 Max. Depth (ft): Riffle Width (ft): Length (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): 460 ft Avg. Depth (ft): Max. Depth (ft): Pool Width (ft): Estimated (ft<sup>3</sup>/sec): No Flow Present? Substrate\*: (These values should add up to 100%.) % Sand % Silt % Mud/Clay ● ● % Bedrock % Cobble % Gravel Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site) 20% algae on bodrock Water Characteristics\*: (Mark all that apply.) None Other: ☐ Musky Chemical Odor: Sewage Other: Milky Clear Green Gray Color: Fine sediments None N Other: Bottom Deposit: Sludge ☐ Solids Other: Scum Foam None Surface Deposit: Oil Comments: Please attach additional comments (including information from interviews) to this form.

Several small fish observed \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA

Signed: Date: 4705

Organization: MDNR Position: 5.1 Screw 75+

datasheet is true and accurate

1519\_02\_US



